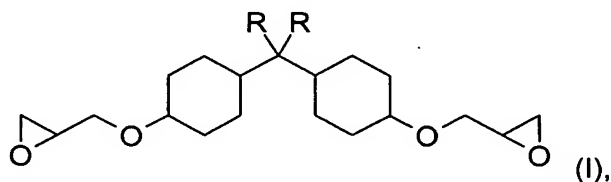


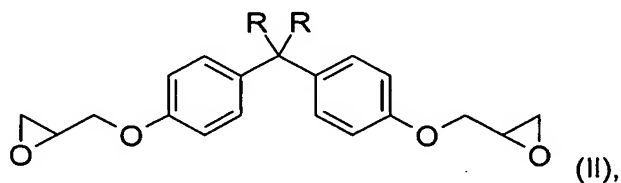
Heterogeneous ruthenium catalyst, nucleus-hydrogenated diglycidyl ether of bisphenols A and F, and method for the production thereof

5 Abstract

A heterogeneous ruthenium catalyst comprising silicon dioxide as support material, in which the percentage ratio of the Q_2 and Q_3 structures Q_2/Q_3 in the silicon dioxide determined by means of solid-state ^{29}Si -NMR is less than 25, a process for preparing a
10 bisglycidyl ether of the formula I



where R is CH_3 or H, by ring hydrogenation of the corresponding aromatic bisglycidyl
15 ether of the formula II



in which the abovementioned heterogeneous ruthenium catalyst is used, and a
20 bisglycidyl ether of the formula I which can be prepared using the abovementioned process.